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Tricia E. Van Hooser

(name of person making deposit)

*Tricia E. van Hooser*

(signature)



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

BENTLEY J. PALMER, et al.

Serial No.: 09/829,110

Filed: April 9, 2001

For: SCALE REMOVAL IN OILFIELD  
APPLICATIONS

Group Art Unit: 1712

Examiner: Unknown

Docket No.: 56.0550

TRANSMISSION OF INFORMATION DISCLOSURE STATEMENT

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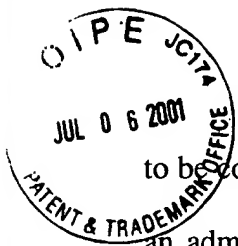
TC 1700

Assistant Commissioner for Patents

Washington, D.C. 20231

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.



In accordance with 37 C.F.R §§ 1.97(g),(h), this Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

The present Information Disclosure Statement is being filed within three months of the date of filing of the application, and hence is believed to be timely filed in accordance with 37 C.F.R § 1.97(b). No fees are believed to be due in connection with the filing of this Information Disclosure Statement; however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these materials, the Assistant Commissioner is hereby authorized to deduct said fees from Schlumberger Deposit Account No. 04-1579 (56.0550).

Applicants respectfully request that the listed document be made of record in the present case.

Respectfully submitted,

Thomas O. Mitchell  
Reg. No.: 47,800  
Agent for Applicants

Date: July 3, 2001

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Form PTO-1449 (modified)

Atty. Docket No.  
56.0550Serial No.  
09/829,110

List of Patents and Publications for Applicant's

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Applicant  
Bentley J. Palmer, et al.Filing Date:  
April 9, 2001Group:  
171 JUL 11 2001U.S. Patent Documents  
See Page 1Foreign Patent Documents  
See Page 2Other Art  
See Page 2 700

## U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
	A1	5,922,652	Jul. 13, 1999	Kowalski et al.	507	129	May. 5, 1992
	A2	5,910,322	Jun. 8, 1999	Rivett et al.	424	484	Oct. 2, 1997
	A3	5,827,602	Oct. 27, 1998	Koch et al.	429	194	Sep. 17, 1997
	A4	5,731,101	Mar. 24, 1998	Sherif et al.	429	102	Jul. 22, 1996
	A5	5,611,962	Mar. 18, 1997	Garcia et al.	252	350	Mar. 9, 1995
	A6	5,552,241	Sep. 3, 1996	Mamantov et al.	429	103	May. 10, 1995
	A7	5,551,516	Sep. 3, 1996	Norman et al.	166	308	Feb. 17, 1995
	A8	5,437,331	Aug. 1, 1995	Gupta et al.	166	300	Aug. 24, 1994
	A9	5,258,137	Nov. 2, 1993	Bonekamp et al.	252	356	Mar. 9, 1992
	A10	5,227,182	Jul. 13, 1993	Song et al.	426	5	Mar. 2, 1992
	A11	5,164,099	Nov. 17, 1992	Gupta et al.	252	8.551	Dec. 6, 1990
	A12	5,110,486	May. 5, 1992	Manalastas et al.	252	8.551	Mar. 28, 1991
	A13	5,037,580	Aug. 6, 1991	Garcia et al.	252	350	Jan. 19, 1990
	A14	4,986,354	Jan. 22, 1991	Cantu et al.	166	279	Sep. 14, 1988
	A15	4,919,209	Apr. 24, 1990	King	166	300	Jan. 17, 1989
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	A19	4,741,401	May. 3, 1988	Walles et al.	166	300	Jan. 16, 1987
	A20	4,713,251	Dec. 15, 1987	Seighman	426	96	Dec. 18, 1985
	A21	4,670,166	Jun. 2, 1987	McDougall et al.	252	8.552	Feb. 27, 1985
	A22	4,650,000	Mar. 17, 1987	Andreasson et al.	166	307	Nov. 6, 1985
	A23	4,624,754	Nov. 25, 1986	McManis, III et al.	204	58.5	Jun. 5, 1985

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DATE CONSIDERED:

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

Form PTO-1449 (modified)

Atty. Docket No.  
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1712

(Use several sheets if necessary)

U.S. Patent Documents  
See Page 1Foreign Patent Documents  
See Page 2Other Art  
See Page 2

## U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
	A24	4,506,734	Mar. 26, 1985	Nolte	166	308	Sep. 7, 1983
	A25	3,952,741	Apr. 27, 1976	Baker	128	260	Jan. 9, 1975

## Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B1						

## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C1	Room-Temperature Molten Salts, 5 Adv. Molten Salt Chem. 185,188, by Hussey (1983)
	C2	Johnathon G. Huddleston, et al. Room Temperature Ionic Liquids As Novel Media For 'Clean' Liquid-Liquid Extraction, Chem. Commun. 1765 (1998)
	C3	J. Fuller, et al., J. Chem. Soc. Commun. 299 (1994)
	C4	J. S. Wilkes and M. J. Zaworotko, J. Chem. Soc. Commun. 965 (1992)
	C5	K.R. Seddon, Room Temperature Ionic Liquids: Neoteric Solvents for Clean Catalysis 37 Kinetics and Catalysis 743, 746 (1996)
	C6	Charles L. Hussey, Room Temperature Haloaluminate Ionic Liquids Novel Solvents for Transition Metal Solution Chemistry, 60 Pure & Appl. Chem. 1763, 1765 (1988)
	C7	J.Sun, Room Temperature Molten Salts Based on the Quaternary Ammonium Ion, 102 J. Phys. Chem. 8858 (1998)

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